

ABSTRACT

A portable air-conditioning unit, particularly a personal air-conditioning unit, comprises a small-format housing provided with a housing section that contains a latent heat storage. The housing comprises an inlet for a gaseous or liquid medium which is guided past the latent heat storage while exchanging heat therewith, and comprises an outlet for discharging the cooled or heated medium. The portable air-conditioning unit also comprises a delivery arrangement which can be operated by a power supply provided with the housing and which serves to deliver the medium for an autonomous operation of the air-conditioning unit.